FIG. 1

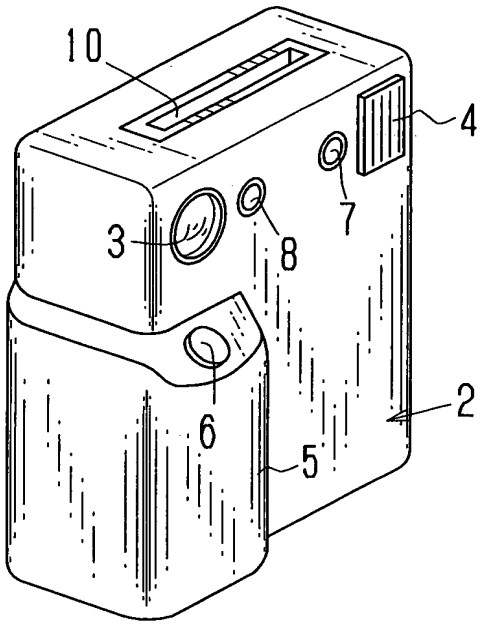

FIG. 2

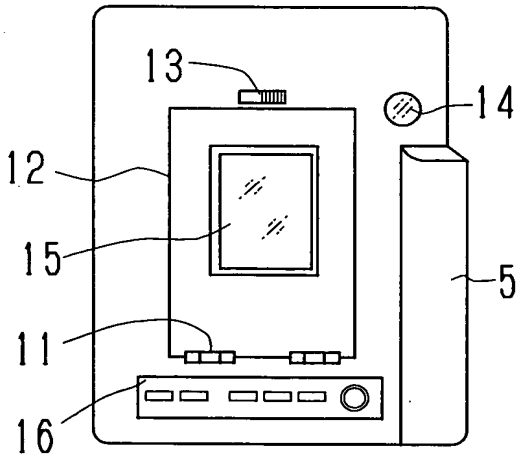

FIG. 3

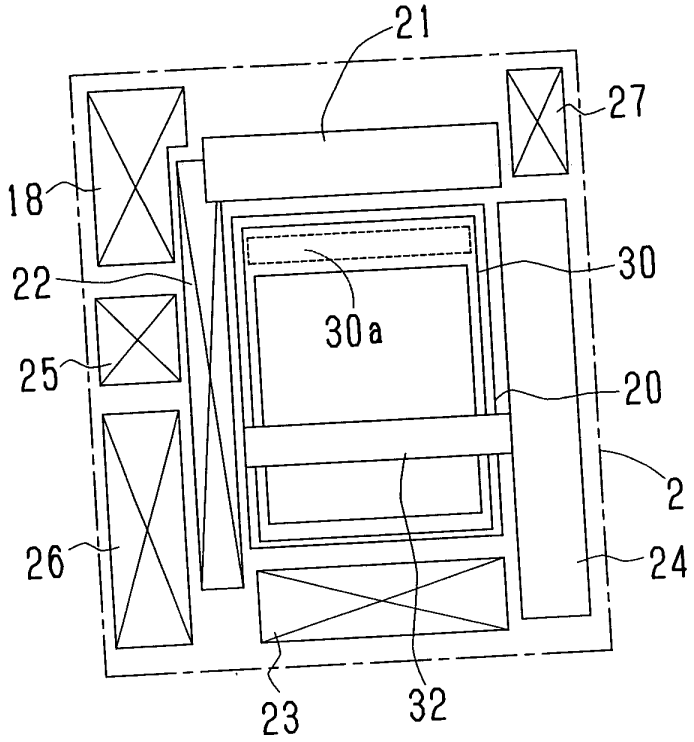

FIG. 4

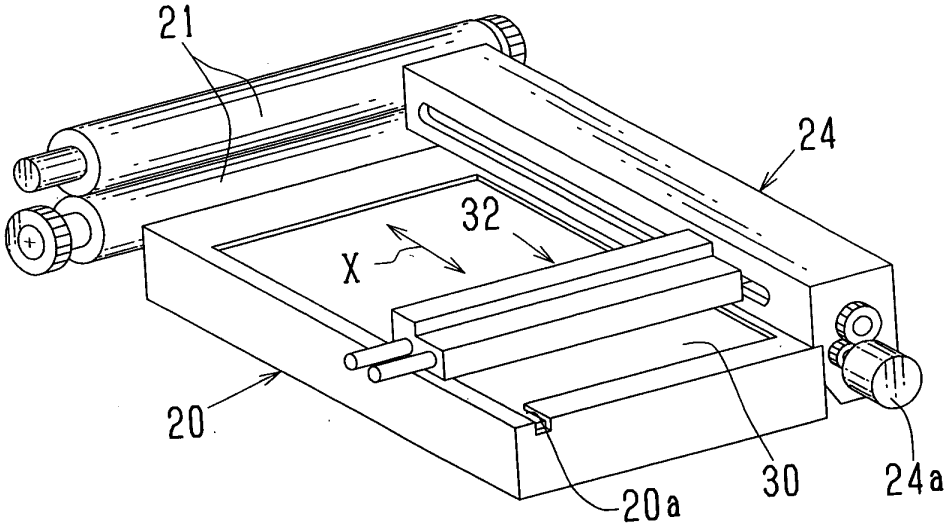

FIG. 6

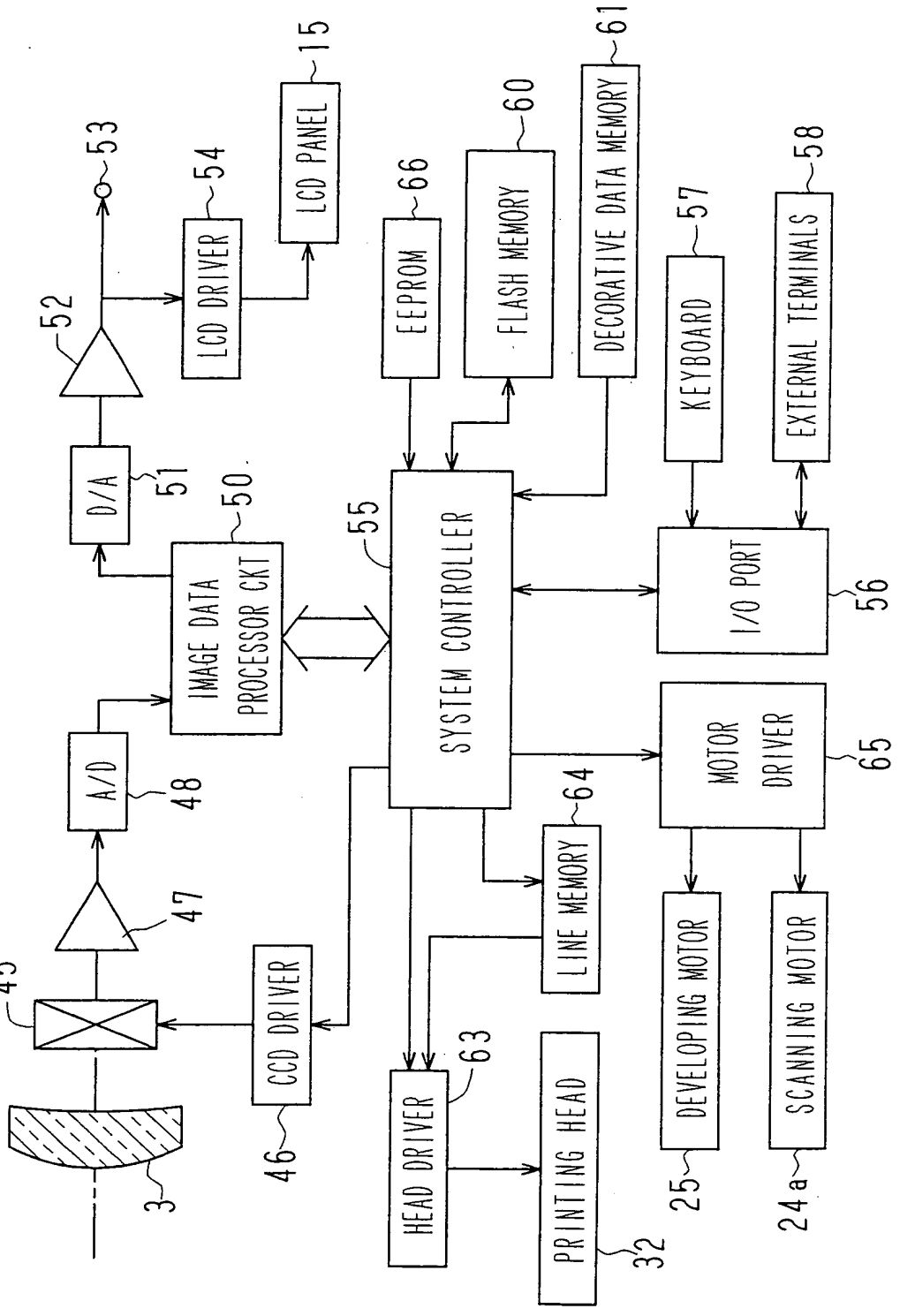
3
45
47
A/D
48
46
CCD DRIVER
IMAGE DATA PROCESSOR CKT
50
D/A
51
52
53
LCD DRIVER
54
LCD PANEL
15
55
SYSTEM CONTROLLER
EEPROM
66
FLASH MEMORY
60
DECORATIVE DATA MEMORY
61
KEYBOARD
57
EXTERNAL TERMINALS
58
I/O PORT
56
MOTOR DRIVER
65
LINE MEMORY
64
HEAD DRIVER
63
PRINTING HEAD
32
DEVELOPING MOTOR
25
SCANNING MOTOR
24a

FIG. 5

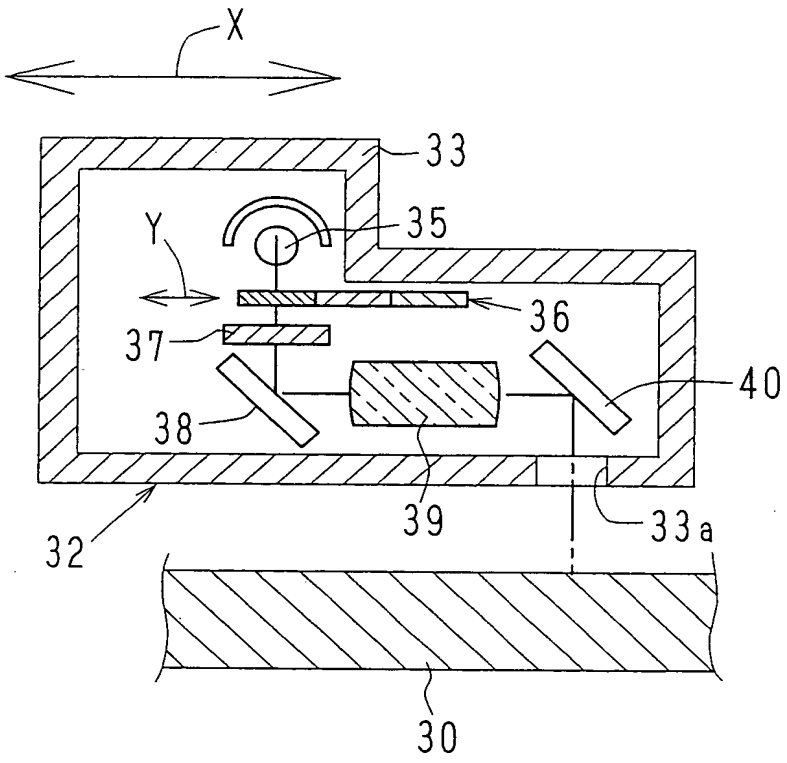

FIG. 7

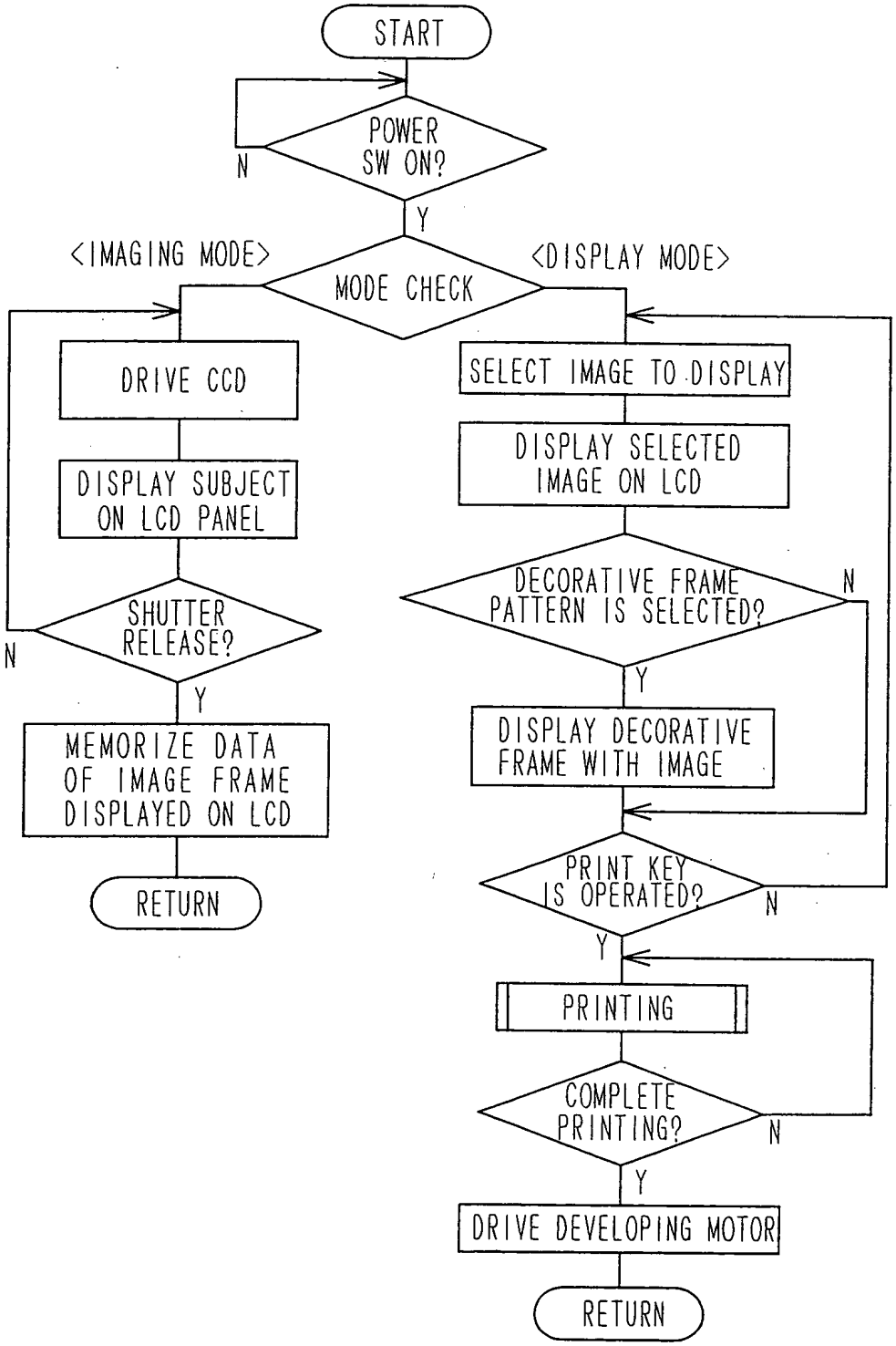
START
POWER SW ON?
N
Y
<IMAGING MODE>
MODE CHECK
<DISPLAY MODE>
DRIVE CCD
DISPLAY SUBJECT ON LCD PANEL
SHUTTER RELEASE?
N
Y
MEMORIZE DATA OF IMAGE FRAME DISPLAYED ON LCD
RETURN
SELECT IMAGE TO DISPLAY
DISPLAY SELECTED IMAGE ON LCD
DECORATIVE FRAME PATTERN IS SELECTED?
N
Y
DISPLAY DECORATIVE FRAME WITH IMAGE
PRINT KEY IS OPERATED?
N
Y
PRINTING
COMPLETE PRINTING?
N
Y
DRIVE DEVELOPING MOTOR
RETURN

FIG. 8

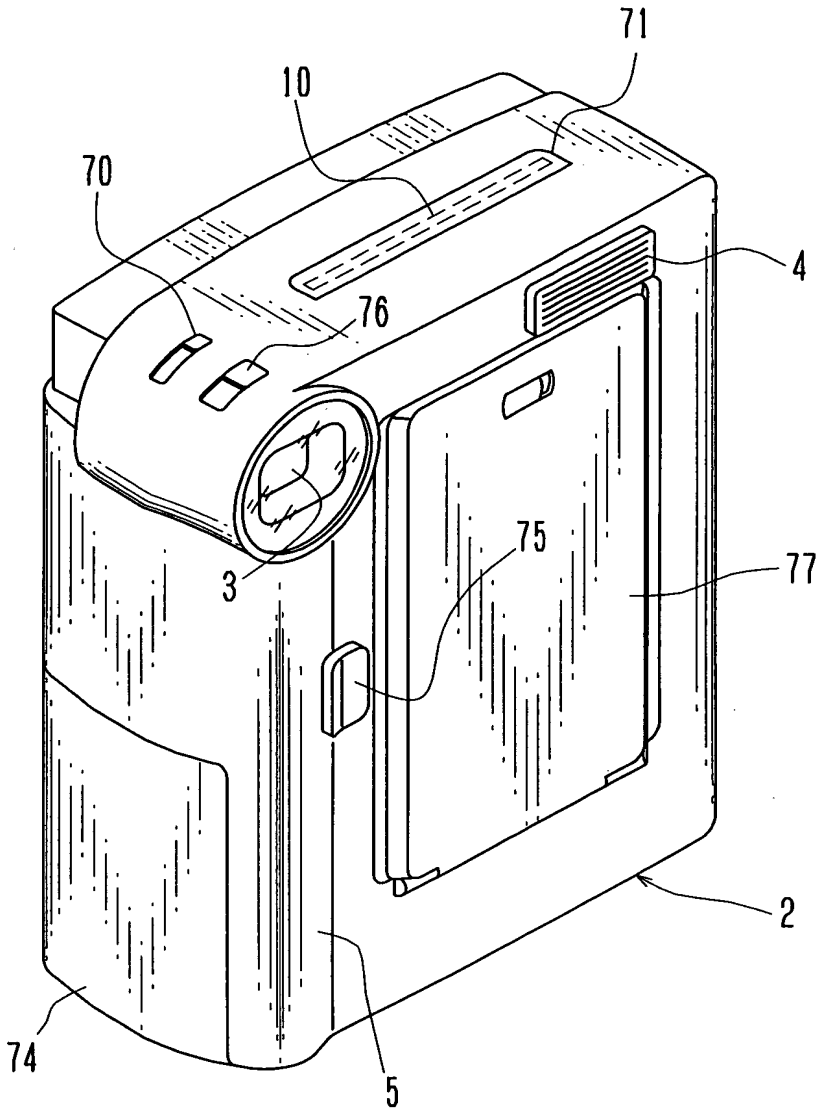

FIG. 9

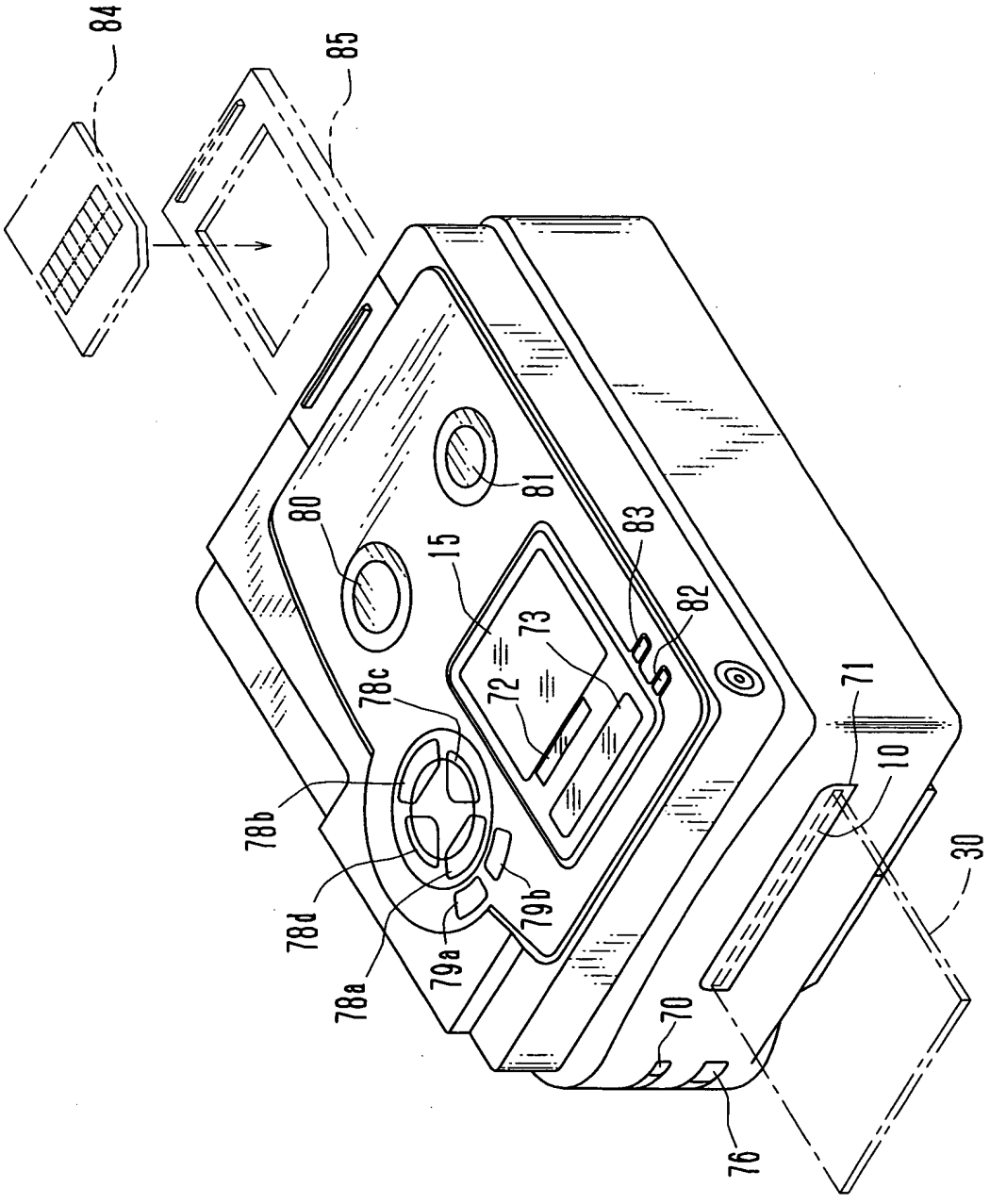

FIG. 10

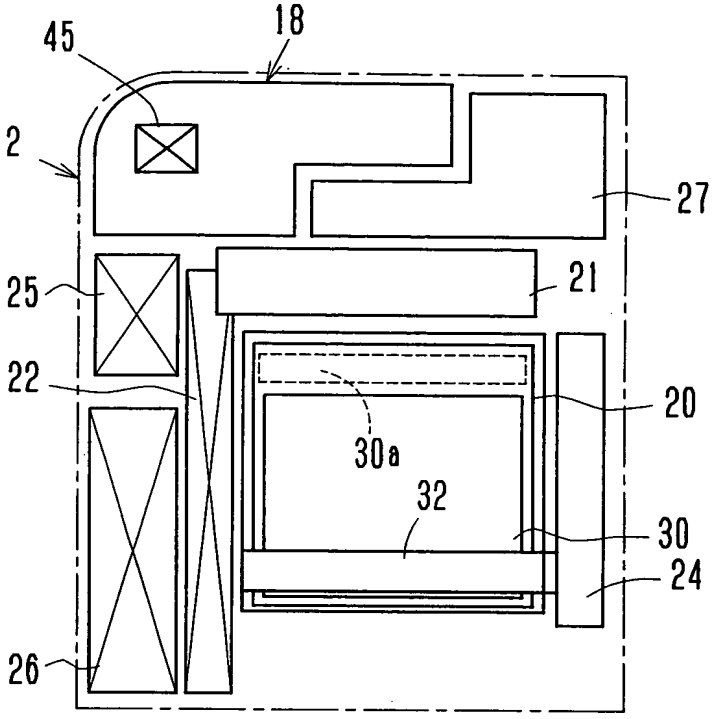

FIG. 11

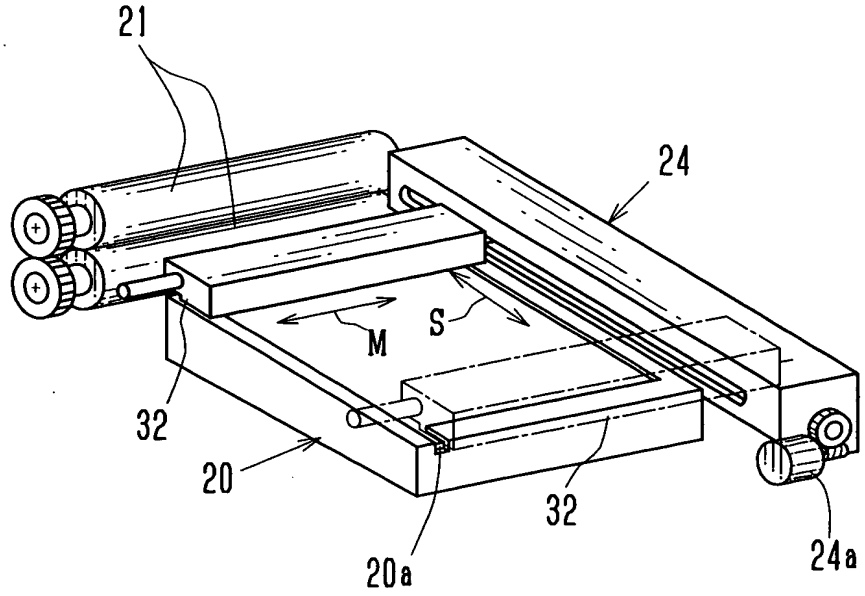

FIG. 12

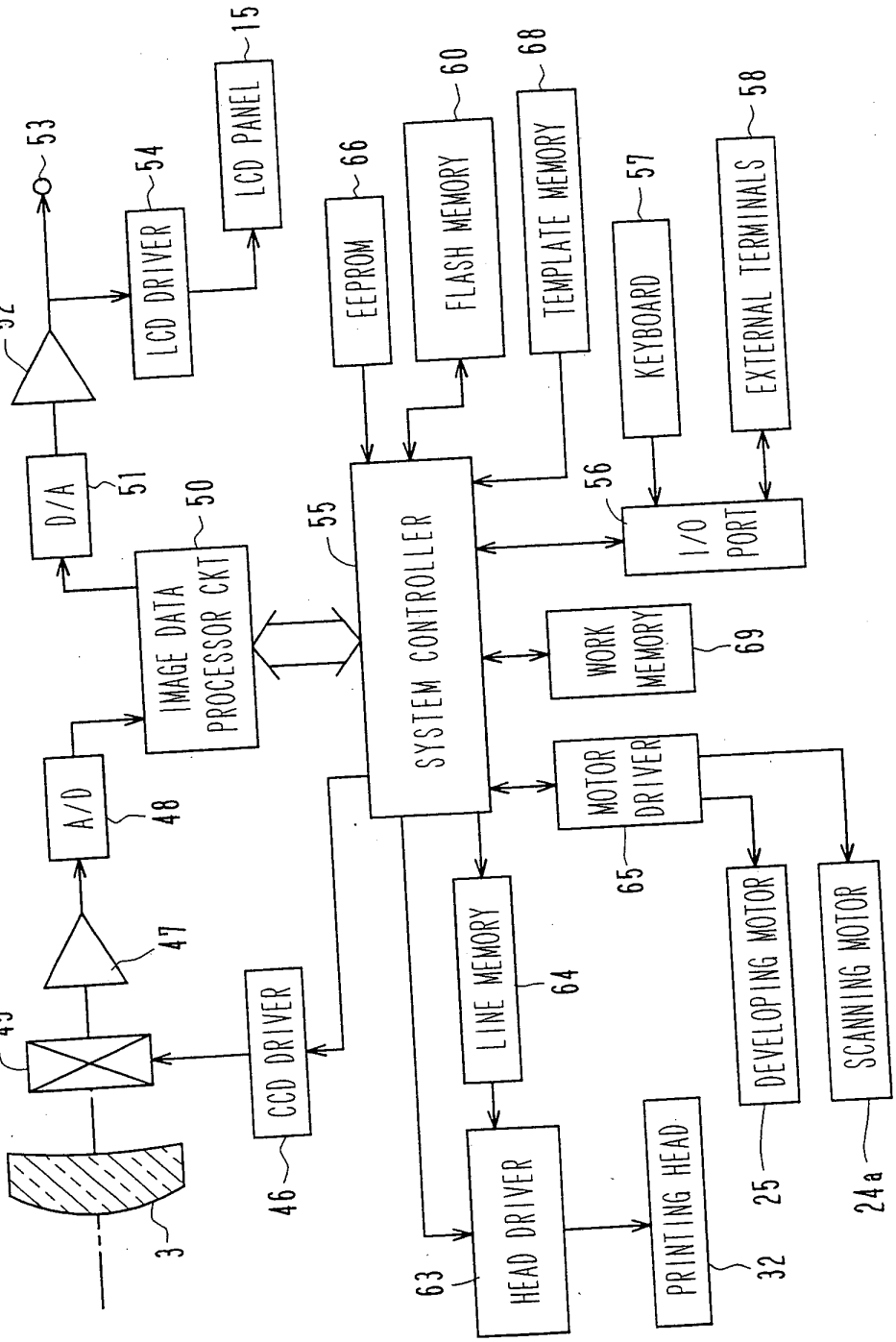
3
45
47
A/D
48
46
CCD DRIVER
IMAGE DATA PROCESSOR CKT
50
D/A
51
52
53
LCD DRIVER
54
LCD PANEL
15
55
SYSTEM CONTROLLER
EEPROM
66
FLASH MEMORY
60
TEMPLATE MEMORY
68
KEYBOARD
57
EXTERNAL TERMINALS
58
I/O PORT
56
WORK MEMORY
69
MOTOR DRIVER
65
LINE MEMORY
64
63
HEAD DRIVER
PRINTING HEAD
32
DEVELOPING MOTOR
25
SCANNING MOTOR
24a

FIG. 13

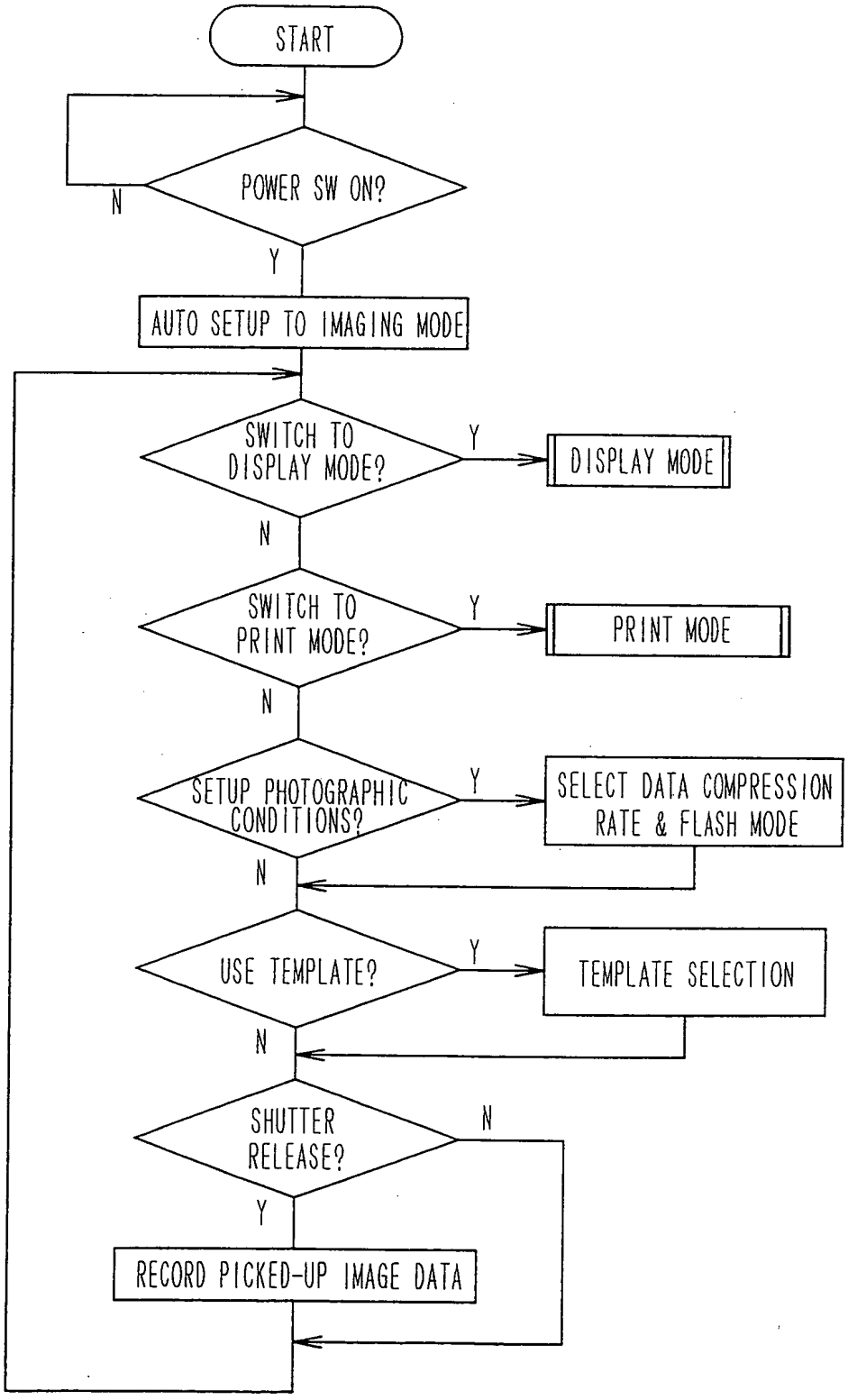
START
POWER SW ON?
N
Y
AUTO SETUP TO IMAGING MODE
SWITCH TO DISPLAY MODE?
Y
DISPLAY MODE
N
SWITCH TO PRINT MODE?
Y
PRINT MODE
N
SETUP PHOTOGRAPHIC CONDITIONS?
Y
SELECT DATA COMPRESSION RATE & FLASH MODE
N
USE TEMPLATE?
Y
TEMPLATE SELECTION
N
SHUTTER RELEASE?
N
Y
RECORD PICKED-UP IMAGE DATA

FIG. 14

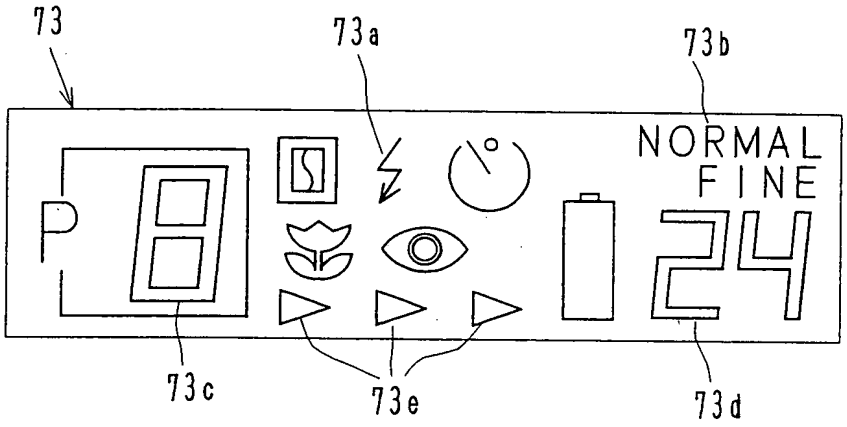
73
73a
73b
NORMAL
FINE
P
24
73c
73e
73d

FIG. 18

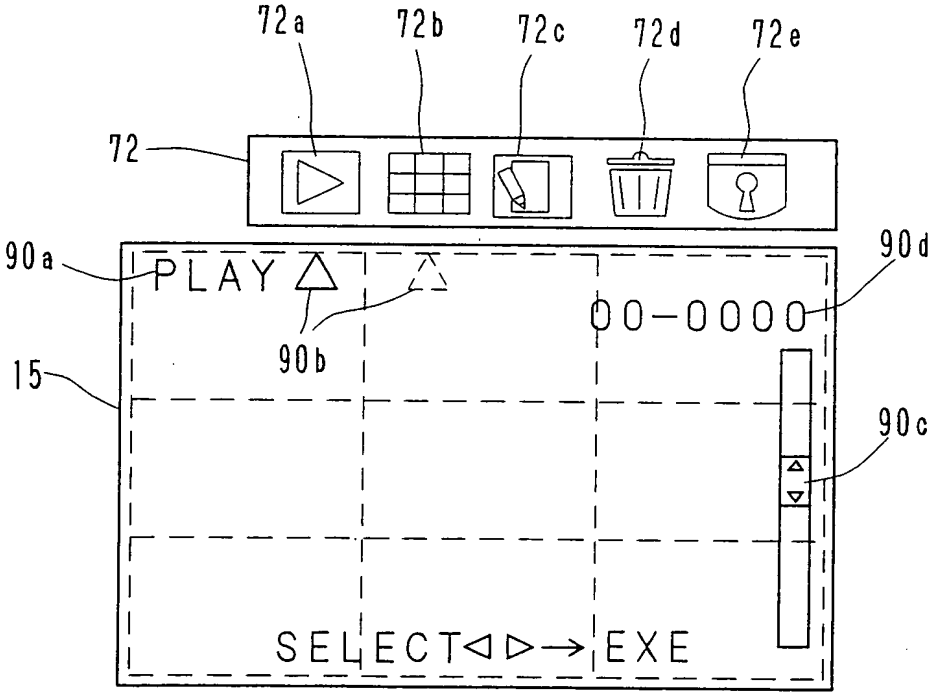
72a
72b
72c
72d
72e
72
90a
PLAY
90d
00-0000
90b
15
90c
SELECT◁▷→EXE

FIG. 15

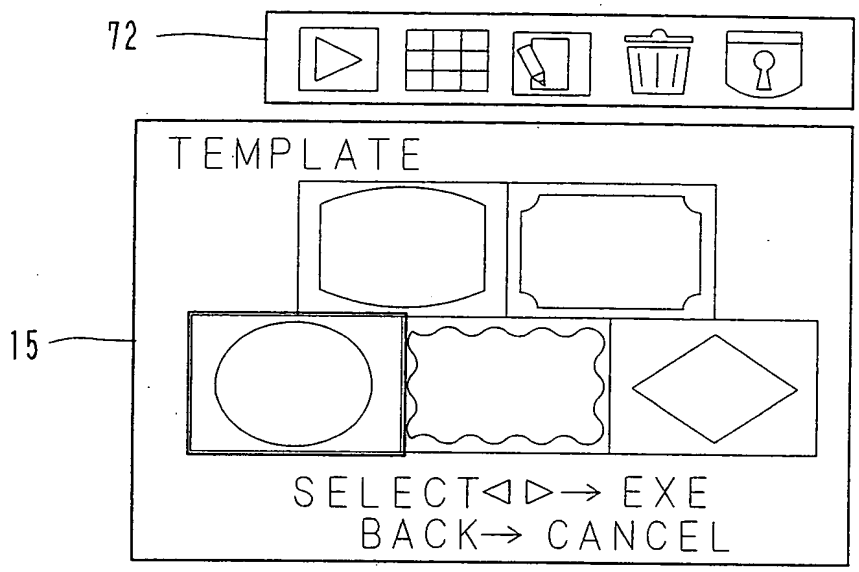
72
TEMPLATE
15
SELECT◁ ▷→ EXE
BACK→ CANCEL

FIG. 16

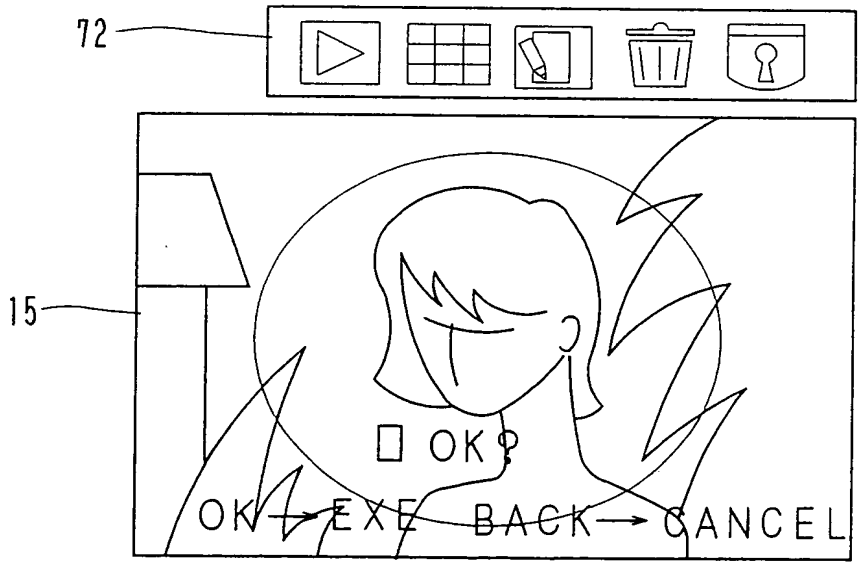
72
15
OK?
OK→EXE
BACK→CANCEL

FIG. 17

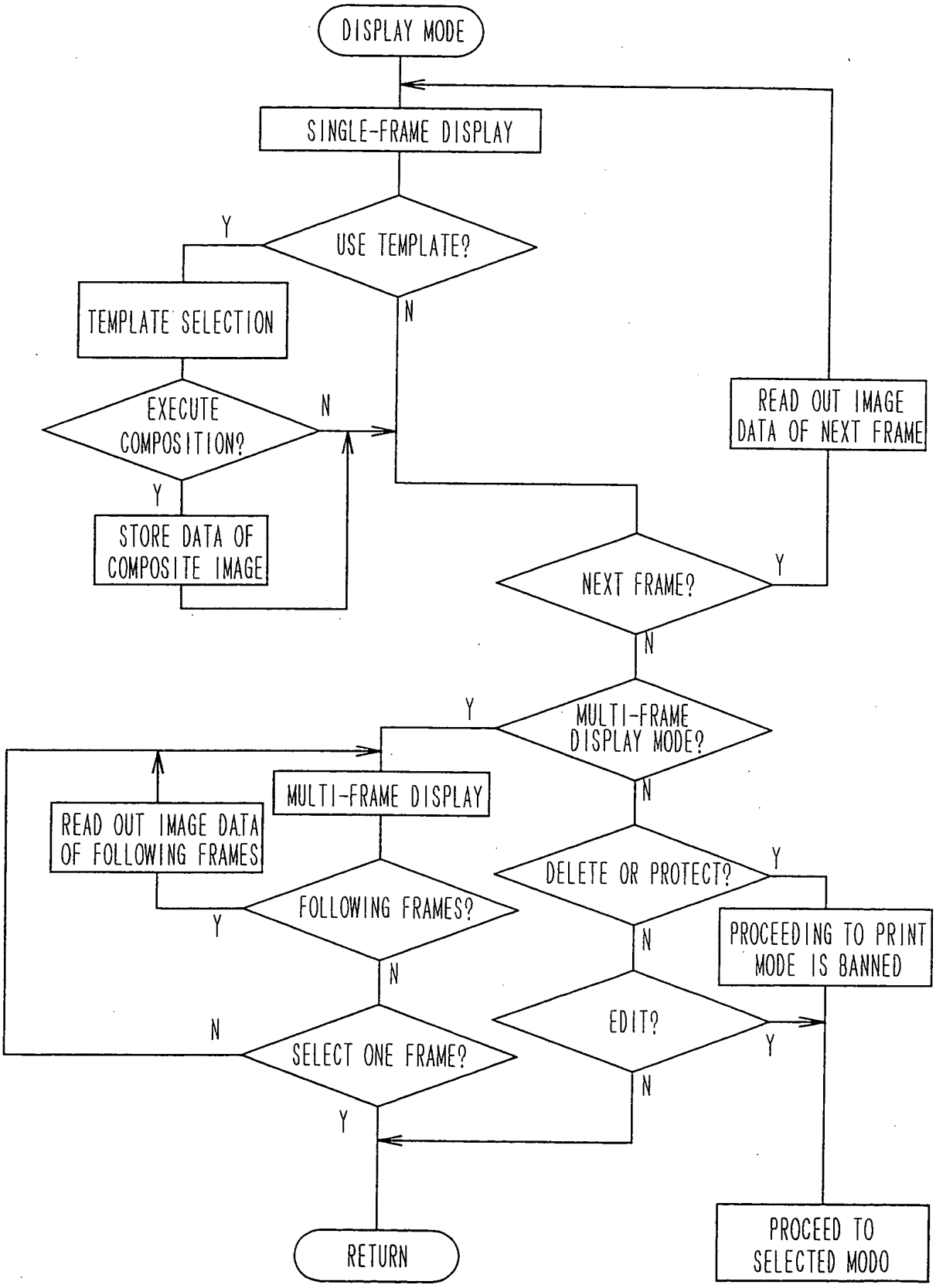
DISPLAY MODE
SINGLE-FRAME DISPLAY
USE TEMPLATE?
Y
N
TEMPLATE SELECTION
EXECUTE COMPOSITION?
N
Y
STORE DATA OF COMPOSITE IMAGE
READ OUT IMAGE DATA OF NEXT FRAME
NEXT FRAME?
Y
N
MULTI-FRAME DISPLAY MODE?
Y
N
MULTI-FRAME DISPLAY
READ OUT IMAGE DATA OF FOLLOWING FRAMES
DELETE OR PROTECT?
Y
N
FOLLOWING FRAMES?
Y
N
PROCEEDING TO PRINT MODE IS BANNED
EDIT?
Y
N
SELECT ONE FRAME?
N
Y
RETURN
PROCEED TO SELECTED MODO

FIG. 19

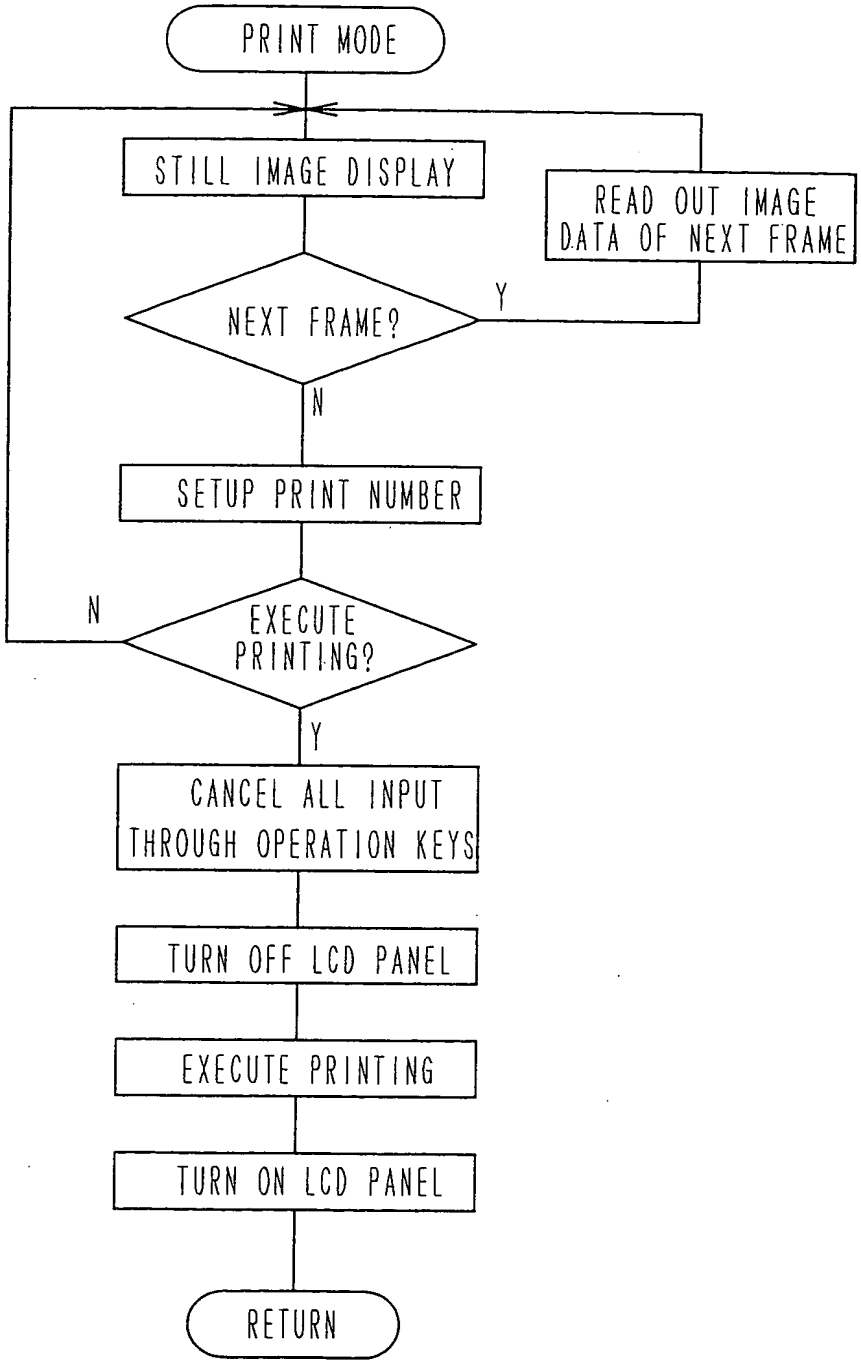
PRINT MODE
STILL IMAGE DISPLAY
READ OUT IMAGE DATA OF NEXT FRAME
NEXT FRAME?
Y
N
SETUP PRINT NUMBER
N
EXECUTE PRINTING?
Y
CANCEL ALL INPUT THROUGH OPERATION KEYS
TURN OFF LCD PANEL
EXECUTE PRINTING
TURN ON LCD PANEL
RETURN

FIG. 20

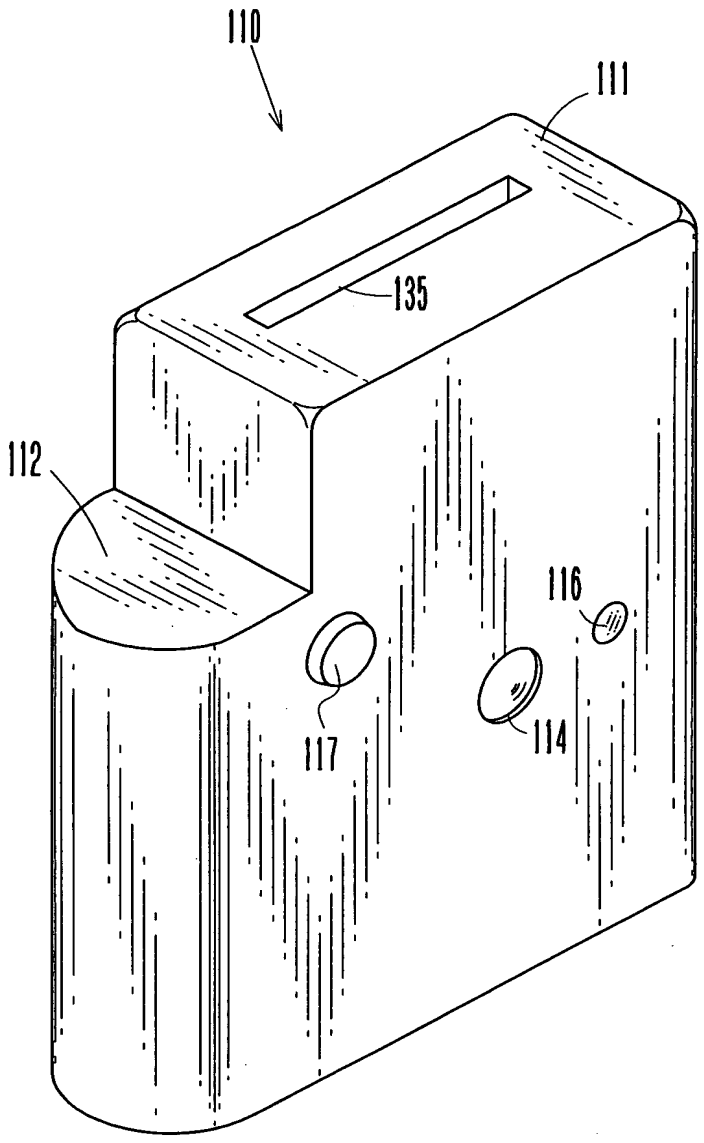

FIG. 21

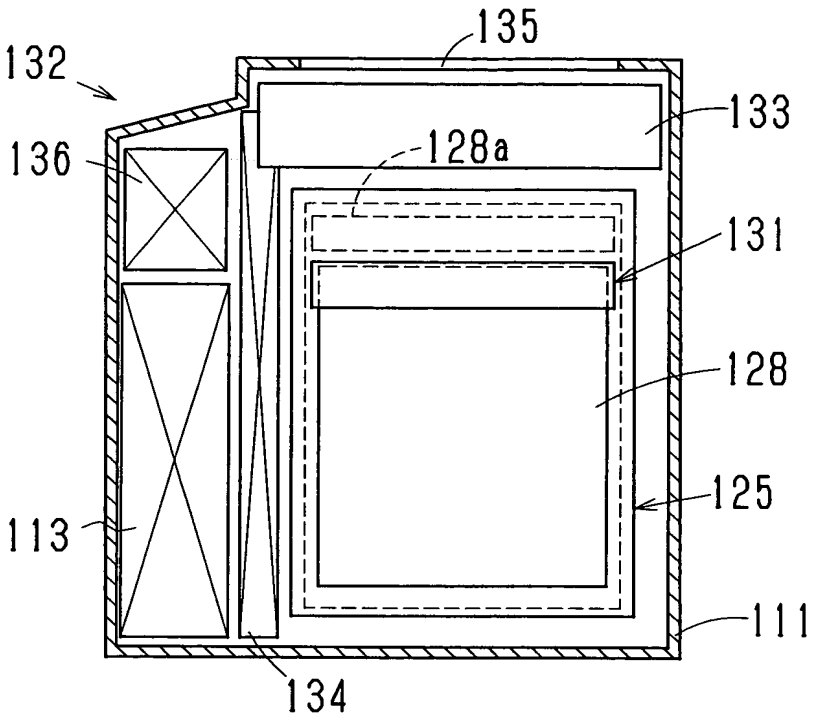
135
132
133
136
128a
131
128
125
113
111
134

FIG. 24

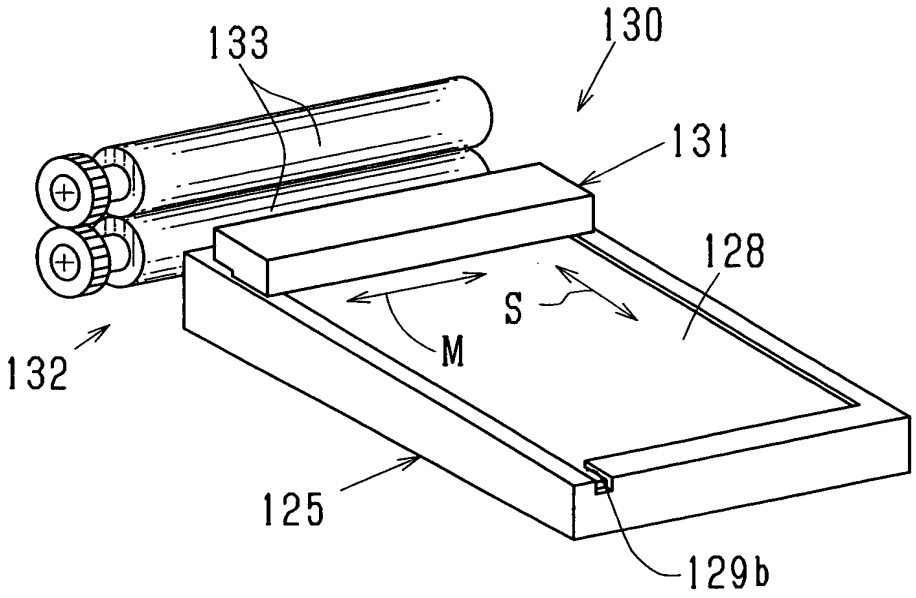
133
130
131
128
S
M
132
125
129b

FIG. 22

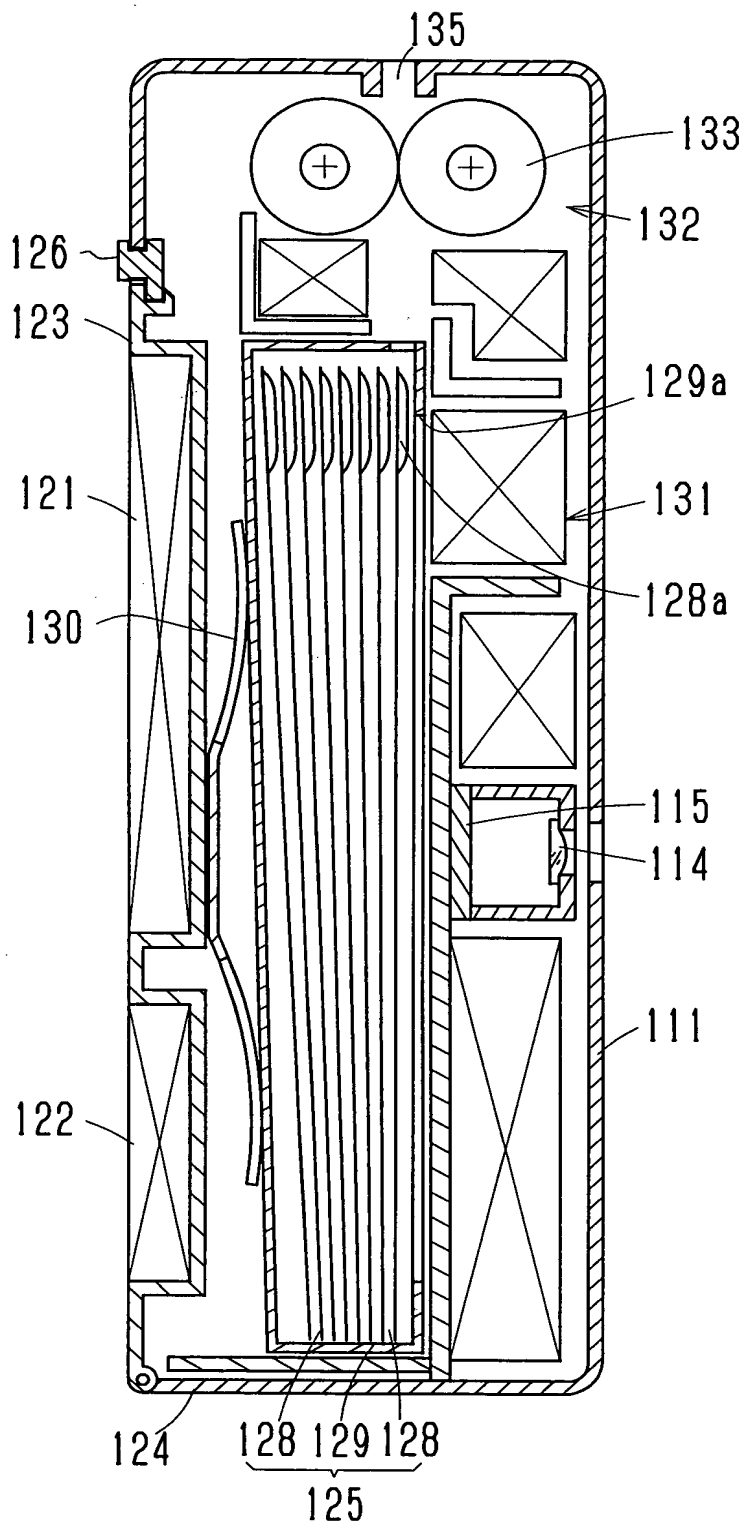
135
133
132
126
123
129a
121
131
128a
130
115
114
111
122
124
128
129
128
125

FIG. 23

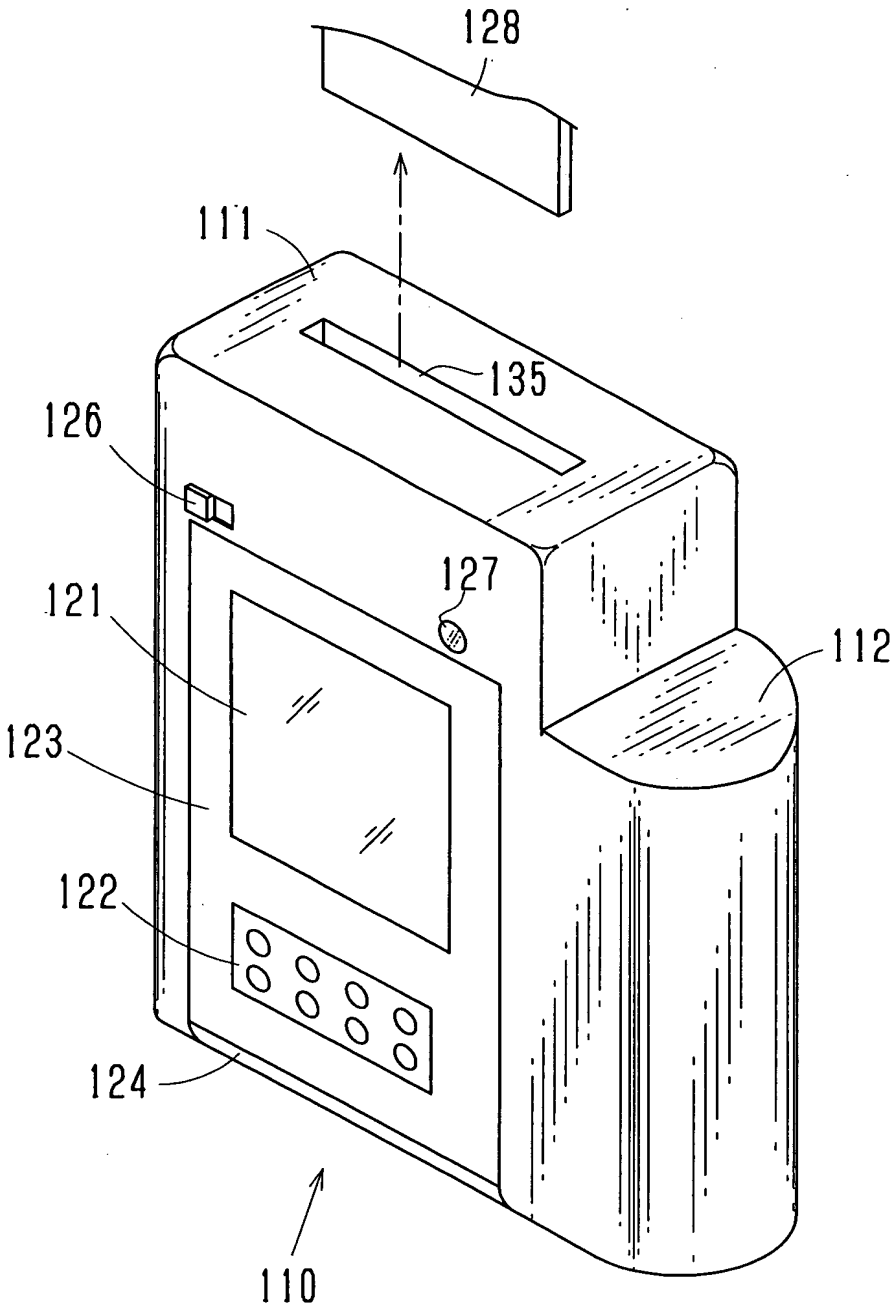

FIG. 25

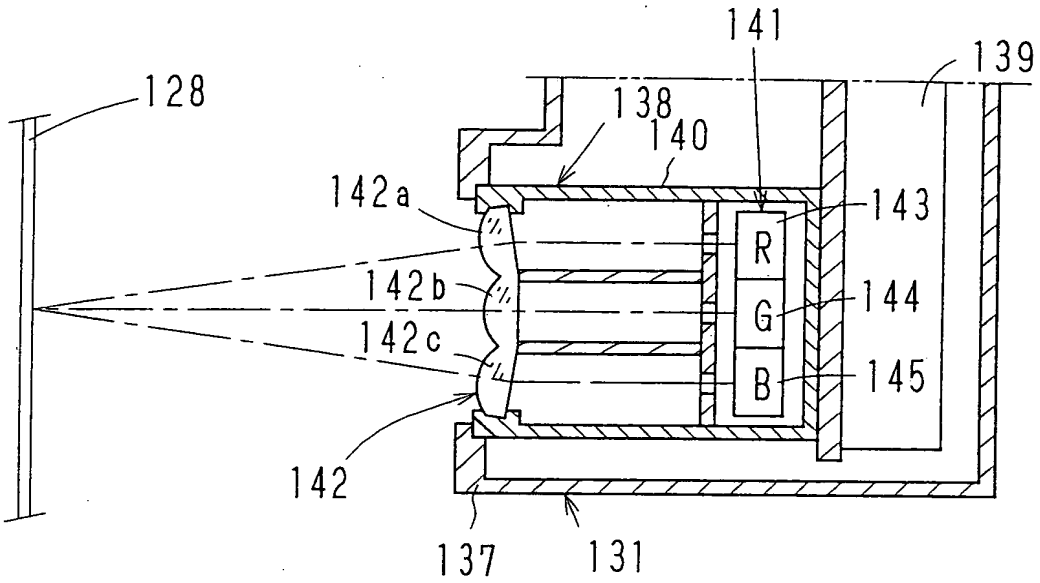

FIG. 27(A)
FILM ADVANCING SPEED Va

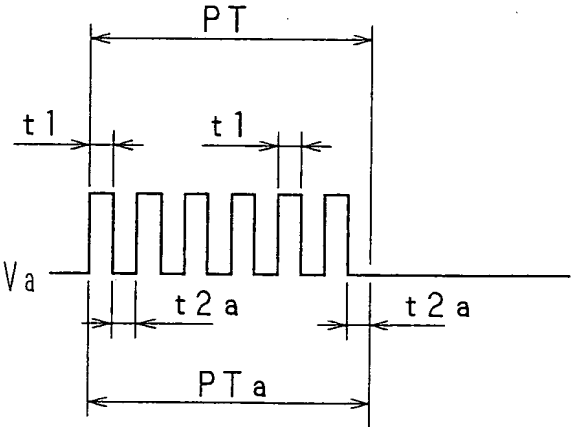

FIG. 27(B)
FILM ADVANCING SPEED Vb(Vb<Va)
$T1=\Sigma t1$

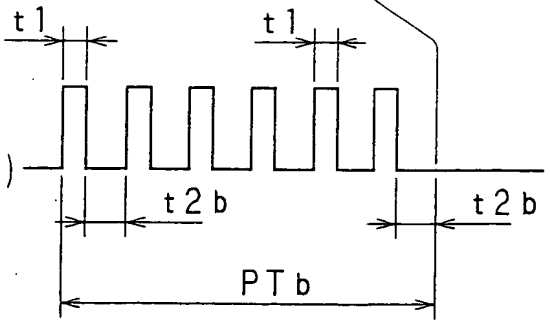

FIG. 26

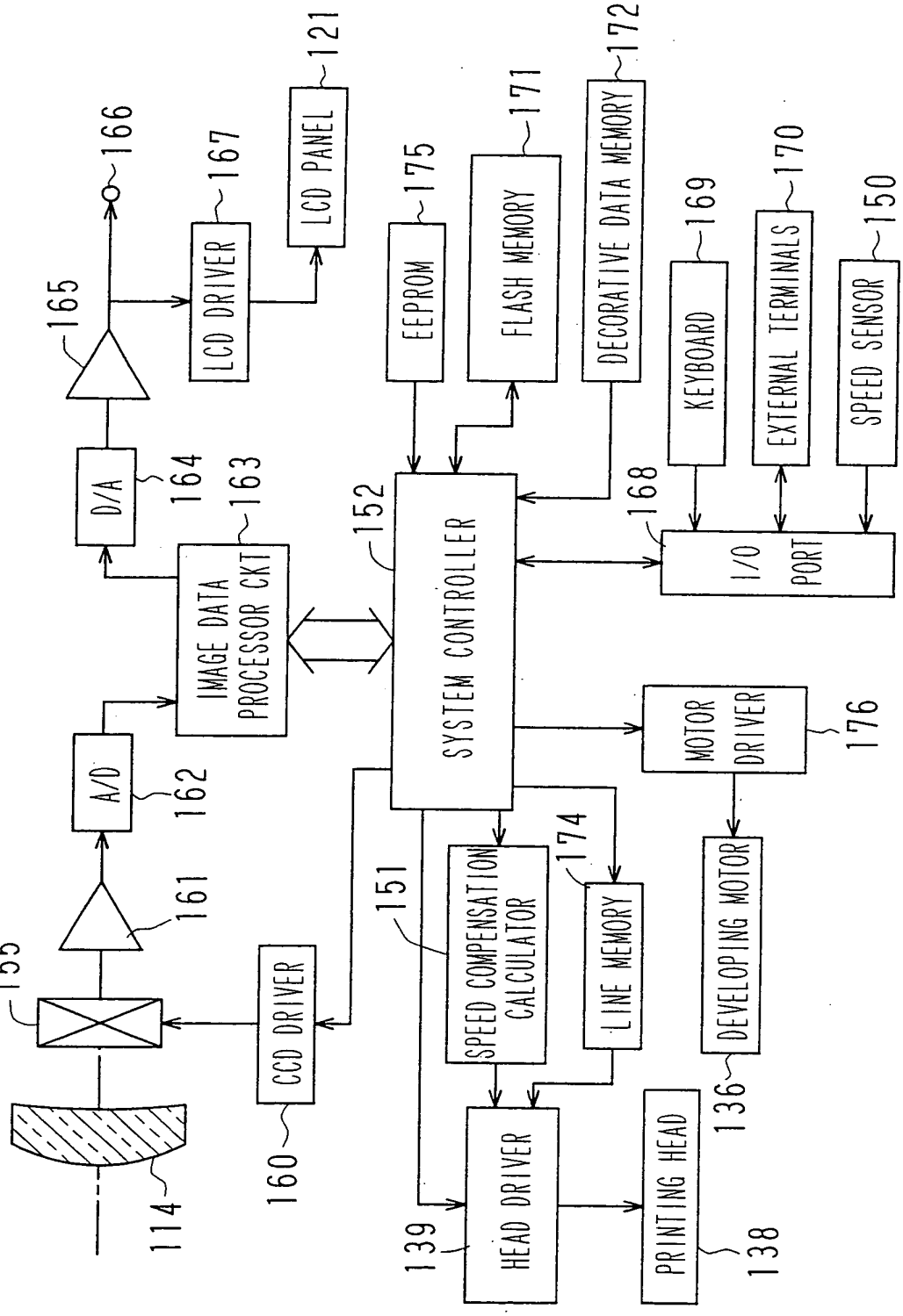
114
155
161
A/D
162
D/A
164
165
166
IMAGE DATA PROCESSOR CKT
163
CCD DRIVER
160
LCD DRIVER
167
LCD PANEL
121
152
SYSTEM CONTROLLER
151
EEPROM
175
FLASH MEMORY
171
DECORATIVE DATA MEMORY
172
KEYBOARD
169
EXTERNAL TERMINALS
170
SPEED SENSOR
150
I/O PORT
168
MOTOR DRIVER
176
SPEED COMPENSATION CALCULATOR
174
LINE MEMORY
DEVELOPING MOTOR
136
139
HEAD DRIVER
PRINTING HEAD
138

FIG. 28

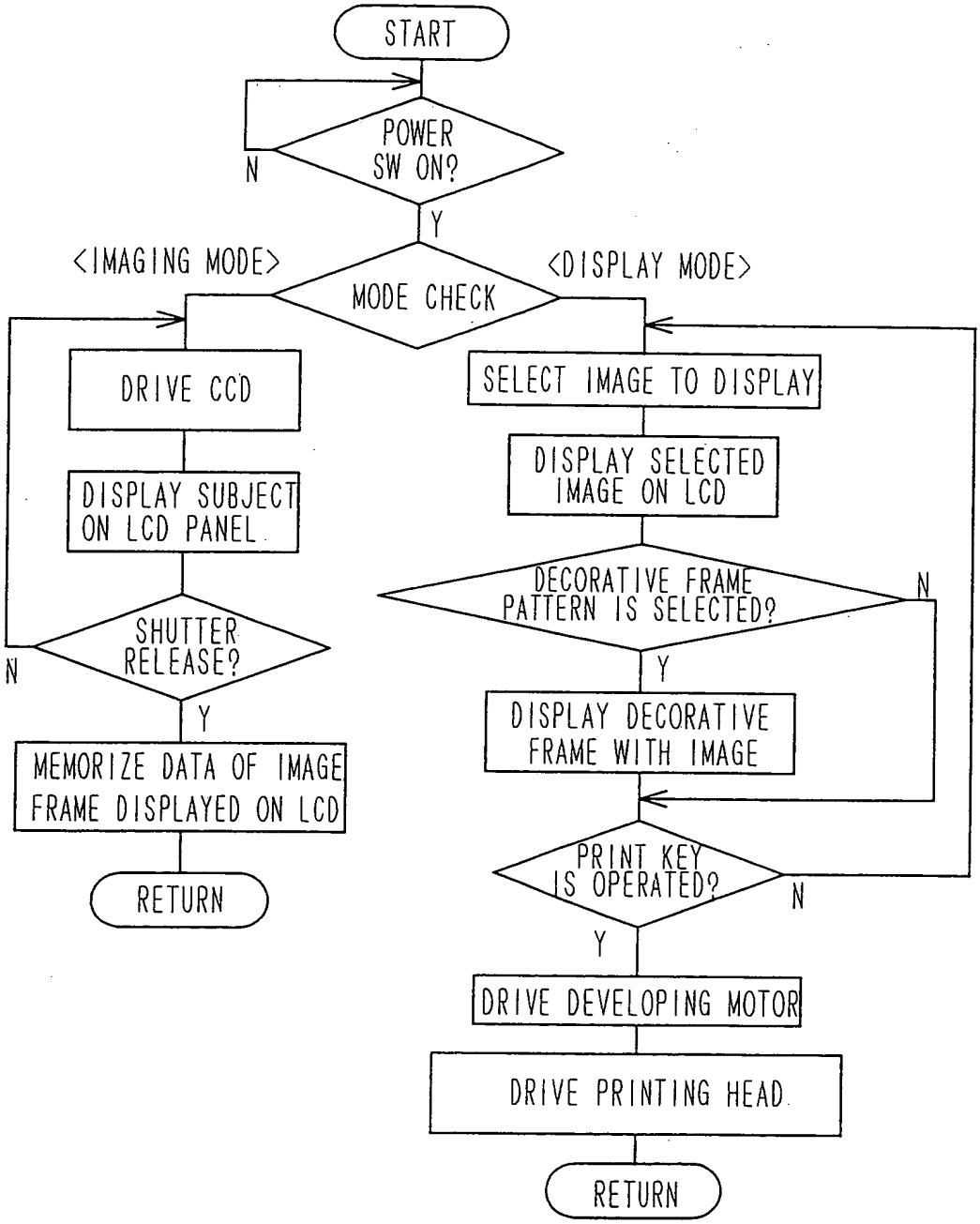
START
POWER SW ON?
N
Y
<IMAGING MODE>
MODE CHECK
<DISPLAY MODE>
DRIVE CCD
DISPLAY SUBJECT ON LCD PANEL
SHUTTER RELEASE?
N
Y
MEMORIZE DATA OF IMAGE FRAME DISPLAYED ON LCD
RETURN
SELECT IMAGE TO DISPLAY
DISPLAY SELECTED IMAGE ON LCD
DECORATIVE FRAME PATTERN IS SELECTED?
N
Y
DISPLAY DECORATIVE FRAME WITH IMAGE
PRINT KEY IS OPERATED?
N
Y
DRIVE DEVELOPING MOTOR
DRIVE PRINTING HEAD
RETURN

FIG. 29

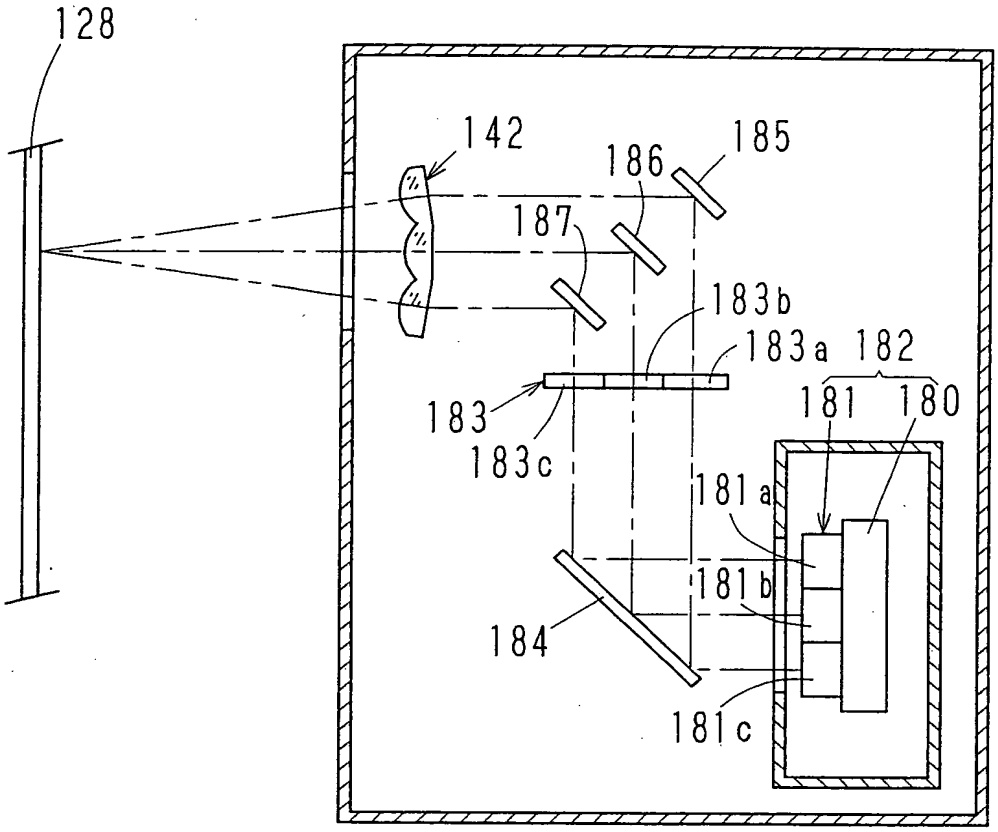
128
142
186
185
187
183b
183a
182
183
181
180
183c
181a
181b
184
181c

FIG. 32

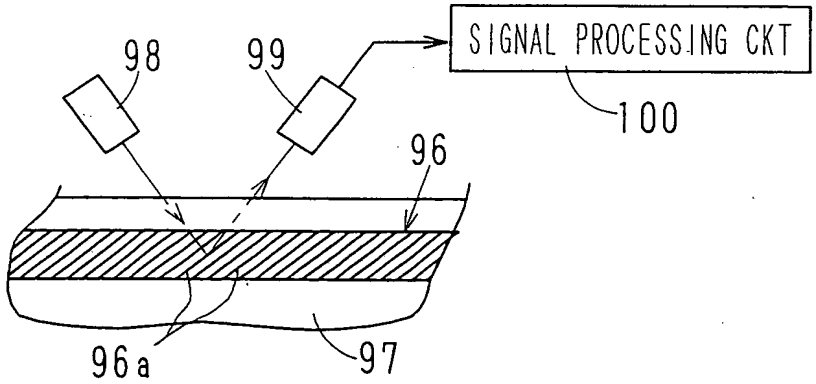
SIGNAL PROCESSING CKT
98
99
100
96
96a
97

FIG. 30

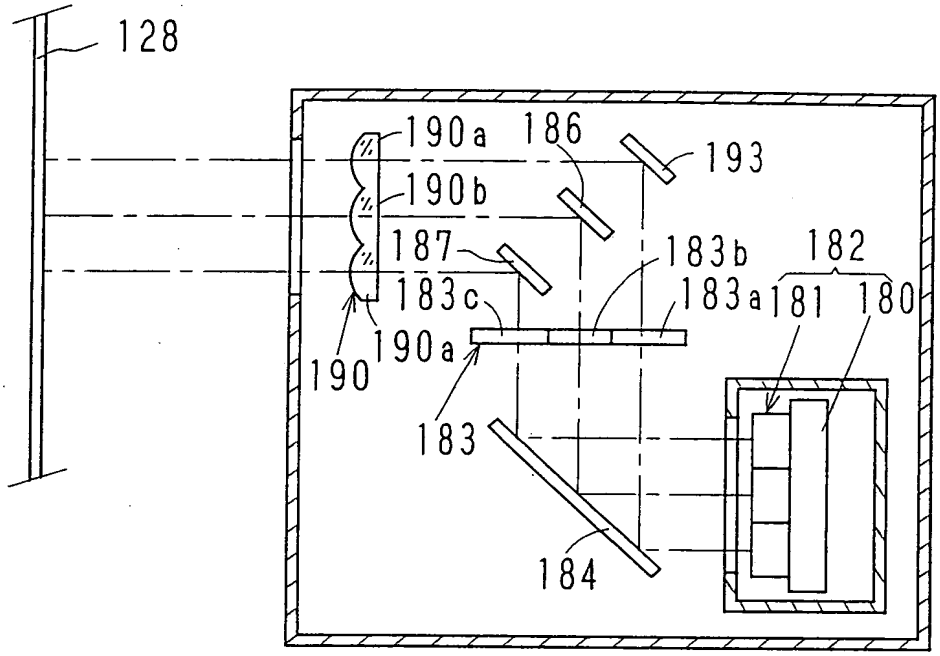
128
190a
186
193
190b
187
183b
182
183c
183a
181
180
190
190a
183
184

FIG. 31

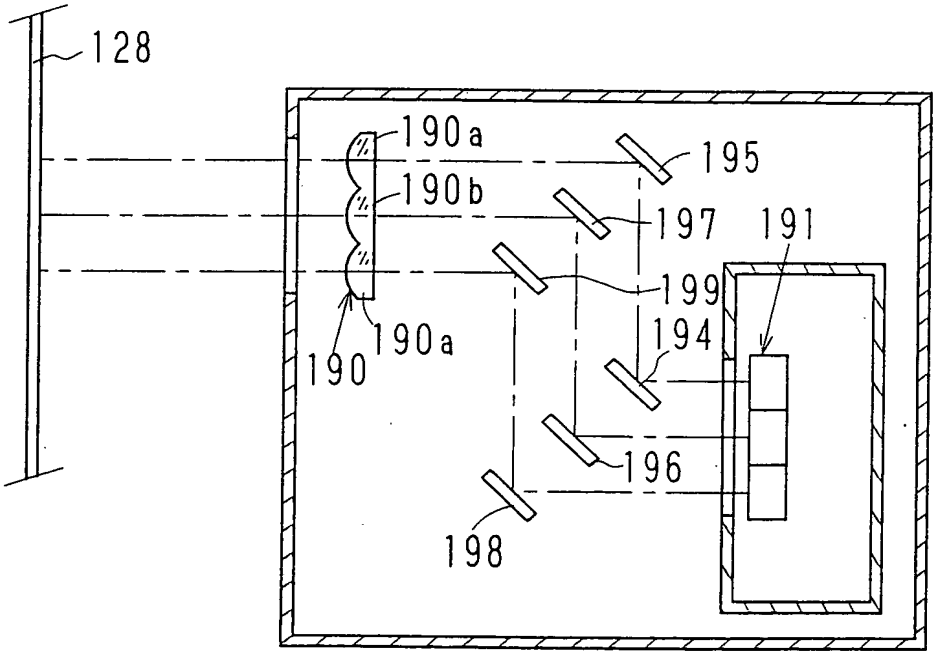
128
190a
195
190b
197
191
199
190
190a
194
196
198

FIG. 33